

**Work Order ID 156014**

Thursday, August 24, 2017 7:21:26 AM

**\*156014\***

Page 1

Item ID: D212-664-207 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Aft Crosstube - Low Standard  
Start Date: 2/10/2017 Start Qty: 1.00 **\*1\*** Cust Item ID:  
Required Date: 2/13/2017 Req'd Qty: 1.00 **\*1\*** Customer: CSUMM01  
Reference: RMA RA112442

Approvals: Process Plan:                      Date:                      Tooling:                      Date:                      Run Start **\*NR1\***  
QC:                      Date:                      SPC (Y/N):                      Date:                      Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr                       | Revision Nbr             |                      |         |        |              |               |               |                  |                |
| D212-664-247                   | D                        |                      |         |        |              |               |               |                  |                |

110 QC5- Inspect part completeness to step on W/O 0.00

**\*110\***

QC

Quality Control

**Memo**-Inspect RA112442  
D212-664-207 B138508 X1

-Kit not open by customer. No visual damage found on part.

0.00

DAS  
9  
9-89

① 11-05-24

120 0.00

**\*120\***

Packaging

Packaging

**Memo**

-Repackage in new box.

0.00

DAS  
27  
9-89

SEP 27 2017

130 QC5- Inspect part completeness to step on W/O 0.00

**\*130\***

QC

Quality Control

**Memo**

-make sure kit is comp

DAS  
9  
9-89

|                          |                               |                                                                                               |           |
|--------------------------|-------------------------------|-----------------------------------------------------------------------------------------------|-----------|
| <b>DART</b><br>AEROSPACE |                               | 1270 ABERDEEN ST.<br>HAWKESBURY ON, CANADA K6A 1K7<br>TEL: 613-632-5200 www.dartaerospace.com |           |
| PATENT                   | N/A                           | CHG                                                                                           | CHG003    |
| P.N                      | D212-664-207                  | STC                                                                                           | SH01-9    |
| DESC                     | Crosstube Std Aft             | STC                                                                                           | SR01298NY |
| LOT                      | B138508                       | STC                                                                                           |           |
| MODEL                    | Bell 204/205/210/212/214/UH-1 | STC                                                                                           |           |
| TC APPROVAL # 09-89      |                               | MADE IN CANADA D2729-4                                                                        |           |

DAS  
28  
9-89

SEP 27 2017

**Work Order ID 156014**

Thursday, August 24, 2017 7:21:26 AM

**\*156014\***

Page 2

Item ID: D212-664-207 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Aft Crosstube - Low Standard  
Start Date: 2/10/2017 Start Qty: 1.00 **\*1\*** Cust Item ID:  
Required Date: 2/13/2017 Req'd Qty: 1.00 **\*1\*** Customer: CSUMM01  
Reference: RMA RA112442

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                    | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|---------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 140                            |                                             | 0.00                 |         |        |              |               |               |                  |                |
| <b>*140*</b>                   |                                             |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                        | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      | -Stock with new batch number at CHG004.     |                      |         |        |              |               |               |                  |                |
|                                | -Add new labels and paper work.             |                      |         |        |              |               |               |                  |                |
| 150                            | QC21- Final Inspection - Work Order Release | 0.00                 |         |        |              |               |               |                  |                |
| <b>*150*</b>                   |                                             |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                        | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |                                             |                      |         |        |              |               |               |                  |                |

DAS DAS  
28 27  
9-89 9-89

SEP 27 2017

DAS  
21  
9-89

SEP 27 2017

~~HA~~ CM 17/9/27

DAS  
21  
9-89

# Picklist Print

Thursday, August 24, 2017 7:21:24 AM

Page 1

Work Order ID: 156014

\*156014\*

Parent Item: D212-664-207

\*D212-664-207\*

Parent Item Name: Aft Crosstube - Low Standard

Start Date: 2/10/2017

Required Date: 2/13/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07.09.12 EC verified by: JLM  
IPP Rev:B ECN 1100p 08-01-11 DD verified by: EC  
IPP Rev:C ECN 1121 08-02-25 DD verified by: eC  
IPP Rev: D QC5 replaced by QC15 at step 5 KJ Verified by: ec

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D212-664-207

Manufactured

No

Each

4.0000

1

\*D212-664-207\*

\*\*

3133508

DAS

Aft Crosstube - Low Standard

9

9-89

Location

Loc Qty

Loc Code

FG098

4

155965

1

155966

1

155967

1

155998

1



## Inspection Sheet Complete RA112442

Customer QA Ref #

0

| Part Number  | Batch / Serial # | Quantity | Part Complete                           | Rev/CHG Current                         | New Paperwork                           | New Labels                              | Disposition | Work order # | Work order instructions                                                                                                                                                                                              |
|--------------|------------------|----------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D212-664-107 | 136269           | 1        | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | STOCK       | 156013       | Kit not open by customer.<br>No visual damage found on part.<br>Repackage in new box (make sure kit is complete before closing the box).<br>Stock with new batch number at CHG004.<br>Add new labels and paper work. |
| D212-664-207 | 138508           | 1        | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Yes | STOCK       | 156014       | Kit not open by customer.<br>No visual damage found on part.<br>Repackage in new box (make sure kit is complete before closing the box).<br>Stock with new batch number at CHG004.<br>Add new labels and paper work. |
| 0            | 0                | 0        | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            |             |              |                                                                                                                                                                                                                      |
| 0            | 0                | 0        | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            |             |              |                                                                                                                                                                                                                      |
| 0            | 0                | 0        | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            |             |              |                                                                                                                                                                                                                      |
| 0            | 0                | 0        | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            | <input type="checkbox"/> Yes            |             |              |                                                                                                                                                                                                                      |

QC Approval: P.D. \_\_\_\_\_

Date: 01.21.2017 \_\_\_\_\_

**Work Order ID 156014**

Thursday, August 24, 2017 7:21:26 AM

**\*156014\***

Page 1

Item ID: D212-664-207

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Aft Crosstube - Low Standard

Start Date: 2/10/2017 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 2/13/2017 Req'd Qty: 1.00

**\*1\***

Customer: CSUMM01

Reference: RMA RA112442

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D212-664-247

D

68-8

S  
SVD

110

QC5- Inspect part completeness to step on W/O

0.00

**\*Partwork + labels****\*110\***

QC

Quality Control

Memo

0.00

-Inspect RA112442  
D212-664-207 B138508 X1

SEP 19 2017

-Kit not open by customer. No visual damage found on part.

120

0.00

**\*120\***

Packaging

Packaging

Memo

0.00

-Repackage in new box.

130

QC5- Inspect part completeness to step on W/O

0.00

**\*130\***

QC

Quality Control

Memo

0.00

-make sure kit is complete before closing the box.



Department of Transport

# Supplemental Type Certificate

**This approval is issued to:**

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ontario  
Canada K6A 1K7

**Number:** SH01-9

**Issue No.:** 3

**Approval Date:** February 19, 2001

**Issue Date:** June 08, 2005

**Responsible Office:**

Ontario

**Aircraft/Engine Type or Model:**

BELL 204B, 205A-1, 205B, 212, 214B, 214B-1, 412, 412 CF,  
412 EP

**Canadian Type Certificate or Equivalent:**

BELL 205B H-104  
BELL 214 series H-80  
BELL 212, 412 series H-86  
BELL 204B, 205A-1 H1SW

**Description of Type Design Change:**

Crosstube Installation

**Installation/Operating Data,  
Required Equipment and Limitations:**

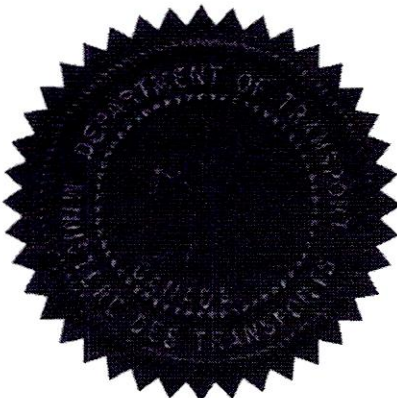
Manufacture of the Crosstube Installation must be in accordance with Dart Aerospace Ltd. MDL-D212-664, Revision A, approved June 08 2005, or later approved revisions.

Installation of the Crosstube Installation must be in accordance with Dart Aerospace Ltd. IIN-D212-664, Revision C, approved Jan 17 2005, or later approved revision.

Maintenance of the Crosstube Installation must be in accordance with Dart Aerospace Ltd. ICA-D212-664, Revision 2, Transport Canada accepted Jun 08 2005, or later Transport Canada accepted revisions.

Operation of the Bell 214B and 214B-1 model types with the Crosstube Installation must be in accordance with Dart Aerospace Ltd. FMS-D214-664, Revision A, Transport Canada approved Jun 08 2005, or later Transport Canada approved revisions.

See continuation sheet



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

  
M. G. Mariotti  
For Minister of Transport